

CLAIM SUMMARY DOCUMENT

1. (Original) A cigarette comprising a cigarette paper wrapper having heat-degradable filler particles, wherein said heat-degradable filler particles are capable of being dissipated during smoking of the cigarette to increase the porosity of the cigarette paper wrapper.
2. (Currently Amended) A cigarette of claim 1, wherein the heat-degradable filler particles are capable of being dissipated during smoking of the cigarette ~~to increase the porosity of and provide the cigarette paper wrapper to a final with a~~ porosity from about 30% to about 60%.
3. (Original) A cigarette of claim 1, wherein the heat-degradable filler particles are capable of being dissipated during smoking of the cigarette to provide air dilution of the mainstream smoke of at least about 30 percent.
4. (Original) A cigarette of claim 1, wherein the heat-degradable filler particles are capable of being dissipated during smoking of the cigarette to provide air dilution of the mainstream smoke from about 30 percent to about 90 percent.
5. (Original) A cigarette of claim 1, wherein the combustion temperature of the cigarette during smoking of the cigarette is maintained from about 600°C to about 750°C.

6. (Original) A cigarette of claim 1, wherein said heat-degradable filler particles are capable of being dissipated at a temperature from about 25°C to about 350°C.

7. (Original) A cigarette of claim 6, wherein said heat-degradable filler particles are capable of being dissipated at a temperature from about 100°C to about 350°C.

8. (Original) A cigarette of claim 7, wherein said heat-degradable filler particles are capable of being dissipated at a temperature from about 200°C to about 350°C.

9. (Original) A cigarette of claim 1, wherein the heat-degradable filler particles comprise an alkyl cellulose, an ethyl cellulose, a cellulose propionate, a cellulose butyrate, a mixed ester of a cellulose, or mixtures thereof.

10. (Original) A cigarette of claim 1, wherein the heat-degradable filler particles comprise monosodium phosphate, disodium phosphate, carnauba, polyethylene oxide, vinyl acetate, polymethacrylate, nitrocellulose, ethylene vinyl acetate, or mixtures thereof.

11. (Original) A cigarette of claim 1, wherein the heat-degradable filler particles comprise ethyl cellulose, monosodium phosphate, or mixtures thereof.

12. (Currently Amended) A cigarette of claim 1, wherein the heat-degradable filler particles are capable of being dissipated a distance from about 0.1 mm to about 10 mm in advance of a charline, wherein the charline is formed in the cigarette paper wrapper during smoking of the cigarette.

13. (Currently Amended) A cigarette of claim 1, wherein the heat-degradable filler particles are capable of being dissipated a distance from about 0.5 mm to about 2 mm in advance of a charline, wherein the charline is formed in the cigarette paper wrapper during smoking of the cigarette.

14. (Original) A cigarette of claim 1, wherein the heat-degradable filler particles have a mean average particle size from about 0.2 mm to about 0.5 mm.

15. (Currently Amended) A cigarette of claim 1, wherein the heat-degradable filler particles have a mean average particle size from about one quarter the thickness of the cigarette paper wrapper to about one and a half times the thickness of the cigarette paper wrapper.

16. (Currently Amended) A method of making a cigarette, comprising
(i) providing a cut filler to a cigarette making machine to form a tobacco rod; and

(ii) placing a cigarette paper wrapper around the tobacco rod to form the cigarette, wherein the cigarette paper wrapper comprises heat-degradable filler particles, and wherein said heat-degradable filler particles are capable of being dissipated during smoking of the cigarette to increase the porosity of the cigarette paper wrapper.

17. (Currently Amended) A method of smoking the cigarette of claim 1, comprising lighting the cigarette to form smoke and inhaling drawing the smoke through the cigarette, wherein during the smoking of the cigarette, the heat-degradable filler particles are dissipated during smoking of the cigarette to increase the porosity of the cigarette paper wrapper.

18. (Currently Amended) A cigarette paper wrapper comprising heat-degradable filler particles, wherein said heat-degradable filler particles are capable of being dissipated to increase the porosity of the cigarette paper wrapper during smoking of the a cigarette when incorporating the cigarette paper is used as a cigarette paper wrapper.

19. (Currently Amended) A cigarette paper wrapper of claim 18, wherein the heat-degradable filler particles are capable of being dissipated during smoking of the cigarette ~~to increase the porosity of and provide the cigarette paper wrapper to a final with a porosity from about 30% to about 60%~~.

20. (Currently Amended) A cigarette paper wrapper of claim 18, wherein said heat-degradable filler particles are capable of being dissipated at a temperature from about 25°C to about 350°C.

21. (Currently Amended) A cigarette paper wrapper of claim 20, wherein said heat-degradable filler particles are capable of being dissipated at a temperature from about 100°C to about 350°C.

22. (Currently Amended) A cigarette paper wrapper of claim 21, wherein said heat-degradable filler particles are capable of being dissipated at a temperature from about 200°C to about 350°C.

23. (Currently Amended) A cigarette paper wrapper of claim 18, wherein the heat-degradable filler particles comprise an alkyl cellulose, an ethyl cellulose, a cellulose propionate, a cellulose butyrate, a mixed ester of a cellulose, or mixtures thereof.

24. (Currently Amended) A cigarette paper wrapper of claim 18, wherein the heat-degradable filler particles comprise monosodium phosphate, disodium phosphate, carnauba, polyethylene oxide, vinyl acetate, polymethacrylate, nitrocellulose, ethylene vinyl acetate, or mixtures thereof.

25. (Currently Amended) A cigarette paper wrapper of claim 18, wherein the heat-degradable filler particles comprise ethyl cellulose, monosodium phosphate, or mixtures thereof.

26. (Currently Amended) A cigarette paper wrapper of claim 18, wherein the heat-degradable filler particles have a mean average particle size from about 0.2 mm to about 0.5 mm in size.

27. (Currently Amended) A cigarette paper wrapper of claim 18, wherein the heat-degradable filler particles have a mean average particle size from about one quarter the thickness of the cigarette paper wrapper to about one and a half times the thickness of the cigarette paper wrapper.

28. (Original) A method of making the cigarette paper wrapper of claim 18, comprising adding the heat-degradable filler particles to a feedstock of a cigarette paper making machine.

29. (Currently Amended) A method of claim 28, wherein the heat-degradable filler particles are incorporated in an amount of up to about 50% based on the total weight of the cigarette paper wrapper.

30. (Currently Amended) A method of claim 29, wherein the heat-degradable filler particles are incorporated in an amount of up to about 30% based on the total weight of the cigarette paper wrapper.

31. (Original) A method of claim 28, wherein the heat-degradable filler particles have a mean average particle size from about 0.2 mm to about 0.5 mm.

32. (Currently Amended) A method of claim 28, wherein the heat-degradable filler particles have a mean average particle size from about one quarter the thickness of the resulting cigarette paper wrapper to about one and a half times the thickness of the resulting cigarette paper wrapper.

33. (Original) A method of claim 28, wherein said heat-degradable filler particles are capable of being dissipated at a temperature from about 25°C to about 350°C.

34. (Original) A method of claim 33, wherein said heat-degradable filler particles are capable of being dissipated at a temperature from about 100°C to about 350°C.

35. (Original) A method of claim 34, wherein said heat-degradable filler particles are capable of being dissipated at a temperature from about 200°C to about 350°C.